

GAME *CHANGER*™

Universal Remote Control

Replaces

4

Remotes

TV
DVD
VCR/PVR
CBL/SAT

- **Easy Set-up**

- **Digital Ready**

- **Picture in Picture Functions**

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ESPN
Programmable Buttons



UNIVERSAL REMOTE CONTROL

ESPN ENABLED

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ESPN
Programmable Buttons

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NORTH★AMERICAN
LICENSING COMPANY LLC

www.GameChangerRemote.com



Made in China

USES 2 AAA BATTERIES (NOT INCLUDED)



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INTRODUCTION

The GameChanger ESPN Remote Control is designed to remotely operate up to four home entertainment devices. It also features intuitive and easy-to-use keys for instant control of DVD and PVR (or DVR) components. Moreover, its sophisticated technology will allow you to consolidate your original home entertainment remote controls into one easy-to-use product. Advanced features include:

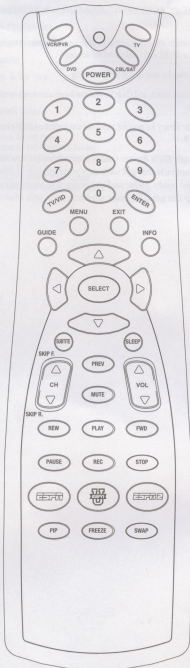
- Three ESPN (ESPN, ESPN2, ESPN) channel keys, to be programmed by the user.
- Intuitive buttons to allow easy access to functions and menus on your DVD player, PVR (or DVR), and Cable/Satellite devices
- Direct code setup for easy device programming
- *Step-and-Set* code search and *Code Verification* for an alternate way to program devices
- Extensive code library for popular video devices including DVD players and PVRs (or DVRs)

The GameChanger ESPN Remote Control requires two (2) new AAA alkaline batteries (not included) and some easy programming to control your devices. For best results, please read and perform all instructions listed here. Also, keep this guide for future reference.

FEATURES AND FUNCTIONS

Use the illustration below to locate features on the GameChanger ESPN Remote Control and then study the *Key Charts* (on the next two pages) to learn how they function.

To find out what type of devices can be controlled by each device key after programming, see the *Device Table* on page 6.



Key Charts



When the **LED** (red light) blinks, the remote control is working and (after programming) is sending signals.



Press **VCR/PVR, DVD, CBL/SAT, or TV** once to select a desired home entertainment device to control. Also see the *Device Table* on page 6.



Use **ESPN, ESPN2, or ESPN3** to program the ESPN channels (or another favorite channel)



Press **POWER** once to turn on or off the selected device. Use the keypad (**1 - 9 and 0**) to directly select channels (e.g., **009** or **031**).



Use **TV/VID** to switch the TV's input to view TV or video programs.



Press **ENTER** once after entering the channel numbers on some TVs.



Use **GUIDE** to display your selected device's program guide or setup menu.



Press **MENU** once to display your selected device's main menu.



Use **EXIT** to exit from your selected device's guide or menu.



Use **INFO** to display the current channel and program or on-screen directory.



Use the **Cursor Keys** to move the cursor in the program guide and menu screens.

Use **SELECT (OK)** to choose options from your selected device's menu or guide.



Press **SUBTITLE** once to display (or turn off) subtitles or closed captions, if available on your DVD player or cable/satellite service.



Use **SLEEP** to set the sleep timer on a selected device if equipped with this feature.



Use **CH+ (or CH-)** to select the next higher (or lower) channel.



Press **PREV** returns device to the previously selected channel.



Press **MUTE** once to turn the sound off or on.



Use **VOL+ (or VOL-)** to raise (or lower) the sound volume.



Use **REW, PLAY, FWD, PAUSE, or STOP** to control your VCR, PVR (or DVR), or DVD player.



Press **REC** once to record a VCR or PVR (or DVR) program.



For a DVD player, use **SKIP F**, or **SKIP R**, to view the next or previous chapter.



Used for Picture in Picture functions.

Use **PIP** to switch the Picture-In-Picture on or off (if available on your TV or cable service)





Use **SWAP** to switch images and sound between the main and window pictures (if available on your TV or cable service)

Use **FREEZE** to hold the current image still on the screen. Press again to resume the action.

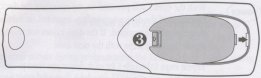
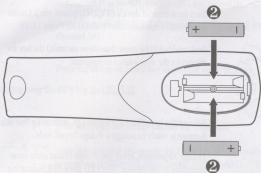
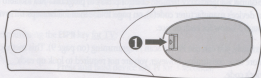
Device Table

NOTE: Please refer to the table below when performing the instructions in "Programming Device Control" on page 8.

After programming, the ESPN College Remote Control will be able to control the following types of devices:

| DEVICE KEY | CONTROLS THESE TYPES OF DEVICES |
|---|---|
|  | <ul style="list-style-type: none"> DVD Player TV/DVD Player Combo VCR/DVD Player Combo |
|  | <ul style="list-style-type: none"> VCR TV/VCR Combo TV/VCR/DVD Player Combo VCR/DVD Player Combo PVR (or DVR) |
|  | <ul style="list-style-type: none"> Cable Box (or Converter) Cable Box/PVR (or DVR) Combo Satellite Receiver Satellite Receiver/PVR (or DVR) Combo |
|  | <ul style="list-style-type: none"> Television |

INSTALLING BATTERIES



- On the remote control's back, push the tab and lift off the battery cover.
- Obtain two (2) new AAA alkaline batteries. Match the + and - marks on the batteries to the + and - marks in the battery case, then insert the new batteries.
- Press the battery cover back into place. The tab should click when the cover is locked.
- Test the remote control by pressing any mode key (e.g., **TV**). If the batteries are inserted correctly, the **LED** (red light) will blink.


IMPORTANT: When batteries need replacement, the remote control will stop operating. Remove the old batteries and insert new ones within 10 minutes to ensure all of your programming information is restored.

PROGRAMMING DEVICE CONTROL

The GameChanger ESPN Remote Control is easy to program - just locate your device's manufacturer code(s), on page 13-19, then follow steps 1 through 5 below for each device.

Alternately, you can use Power Scan Programming (on page 9). This method is more time consuming, however, you are not required to look up each device's code.

To program any device:

1. Turn on a desired device (TV, DVD player, etc.). Locate your brand's manufacturer code(s) on Pages 13-19.
2. Press and hold (for more than three seconds) the key for the device the user wishes to program.
 
3. Release the key. The LED comes ON, indicating that the Remote is ready to accept a 3-digit brand code.
4. Within 30 seconds, enter the 3-digit brand code corresponding to the device. The LED goes OFF, indicating that the Remote is programmed successfully.
5. **POWER** With the device still powered on, try operating the device functions. If the device responds as expected, no further programming is required. If the device does not respond, repeat the above steps with the next code.
6. Repeat steps 1 through 5 for each device you want to control. For future reference, write down each working device code in the following boxes:

VCR/PVR Code:

Device Type: _____

DVD Code:

Device Type: _____

CBL/SAT Code:

Device Type: *Direct TV*

TV Code:




Device Type: *Steve*

Panasonic
42" HDTV




PROGRAMMING ESPN KEYS

In the TV or CBL/SAT mode, you can program the ESPN channel (or another Favorite channel) onto the ESPN keys.

Programming the ESPN key for TV:

1.  Press and hold device key **TV** for 3 seconds.
2.  Enter the code that represents the ESPN key the user wishes to program (ESPN=001, ESPN2=002, ESPN3=003).
3. Enter the applicable ESPN channel number (e.g., 3-8 for channel 38)
4.  Press the **TV** key or Enter key to end the setup process.

Programming the ESPN key for CBL/SAT:

1.  Press and hold device key **CBL/SAT** for 3 seconds.
2.  Enter the code that represents the ESPN key the user wishes to program (ESPN=001, ESPN2=002, ESPN3=003).
3. Enter the ESPN channel number (e.g., 3-8 for channel 38)
4.  Press the **CBL/SAT** key or Enter key to end the setup process.



If an error occurs during programming, the LED will flash 4 times slowly.

Repeat steps 1 through 4 for each ESPN key you want to program.

POWER SCAN PROGRAMMING

With power scan programming, the Remote tests all the codes available in the codeset database and assigns the correct one for the selected device.

Although this method is more time consuming, it saves the user the trouble of looking up the brand codes necessary for manual programming.

1. Manually turn OFF the device the user wish to power scan (TV, PVR/DVR, VCR, DVD, satellite or cable box).
2. For more than three seconds, press and hold the appropriate device key. The LED comes ON, indicating that the Remote is in programming mode.
3. **POWER** Press and release the **POWER** key. The LED blinks once and stays ON, indicating that the Remote is in the power scan state.
4.  Press **CH+** or **CH-** key repeatedly until the device switches ON (CH+ key conducts a upward search while the CH- key conducts a downward search in the codeset database).
5.  When the device turns ON, press and release the **SELECT** key to program the remote with the new code and exit. To exit without programming, press the **EXIT** key.





6. Press any other operable key (VOL +/VOL -). If the device responds, no further programming is required. If the device does not respond repeat steps 1 through 5.

To ensure that the searched code is correct for the device, the user can enter into codeset test mode while the Remote Control is in the power scan state:



1. Press the device key for which power scan is performed. The LED blinks once and goes OFF, indicating that the Remote Control is in the codeset test mode.



2. Switch ON the device.



3. Press the device key again to exit codeset test mode. The LED comes ON, indicating that the Remote has returned to the power scan state.

The Remote exits from the codeset test mode after thirty seconds if no other operation is performed.



4. Press the **SELECT** key to program the Remote with the new code and exit the power scan state. To exit without programming, press the **EXIT** key.

PUNCH-THROUGH FEATURES

The Remote provides two punch-through features that allow users to control TV volume and DVD operation while the remote is in a different device mode.

Volume Punch-Through

The TV Volume/Mute punch-through feature allows the user to control the volume and mute function of TV while the remote is in another device mode. The feature is applicable for all devices and brands that do not use the volume control buttons for other purposes.

Transport Key Punch-Through

The DVD transport key punch through feature lets the user control the PLAY, STOP, PAUSE, REWIND, FF and RECORD functions of DVD while the remote operates in other modes. The feature is applicable for all devices and brands that do not use the transport keys for other purposes.

TROUBLESHOOTING

| | |
|-----------|--|
| PROBLEM: | LED (red light) does not blink when you press a functional key. |
| SOLUTION: | Replace batteries with two new AAA alkaline batteries. |
| PROBLEM: | LED blinks when you press a key, but home entertainment device does not respond. |
| SOLUTION: | Make sure the remote control is aimed at your home entertainment device and is not farther than 15 feet away. |
| PROBLEM: | The unit does not control home entertainment devices or commands are not working properly. |
| SOLUTION: | Try all listed codes for the device brands being set up. Make sure they can be operated with an infrared remote control. |
| PROBLEM: | Changing channels does not work. |
| SOLUTION: | If original remote required pressing ENTER or SELECT to change channels, press ENTER or SELECT on this remote after entering the channel number. |
| PROBLEM: | CH ▲ and CH ▼ do not work for your RCA TV. |
| SOLUTION: | Due to RCA design (1983-1987), only the original remote control will operate these functions. |

For assistance, please contact us in any of the following ways:

- E-mail: customerservice@GameChangerRemote.com
- Internet: www.GameChangerRemote.com
- Help Line: (248) 203-2998

INSTRUCTIONS TO THE USER

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide a reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase separation between equipment and receiver.
- Connect equipment into an outlet or a circuit different from that to which the receiver is connected.
- Consult dealer or experienced radio/TV technician for help.

LIFETIME WARRANTY

North American Licensing Company (NALC) warrants this product to be free from defects in materials and workmanship, under normal use, throughout the period of the product's ownership by the original purchaser. This warranty does not cover damages or failures caused by products or services not supplied by NALC, or which result from accident, misuses, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, maladjustment of consumer controls, modifications, commercial use, or that is attributable to acts of God.

There are no express warranties except as listed above. NALC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

To obtain warranty service for a defective product, please return the product, preferably in the original carton, along with your purchase receipt, to the store of original purchase for the first 90 days. A note detailing the complaint would be helpful. The store, at its option, will replace or repair this product if found to be defective.

If the unit has been purchased more than 90 days ago, please return it to North American Licensing Company, LLC 266 Elm Street Birmingham, MI 48009 together with the original receipt and \$4.95 to cover postage and handling. It will be repaired or replaced at the manufacturer's option. The manufacturer reserves the right to substitute a currently manufactured model with equal or superior features.

Phone: (248) 203-2989

June 2009

MANUFACTURER'S CODES

Setup Codes for Cable Boxes

| | | | |
|--------------------|-------------------------|--------------------|-------------------------|
| ABC | 004, 005, 023, 037 | Philips | 010, 011 |
| Addipia | 025 | Pioneer | 018, 033, 039 |
| American | 043 | Popular Mechanics | 041 |
| Attronix | 008, 009 | Proscan | 094 |
| Archer | 009 | Pridea | 037 |
| AT&T | 030 | Quasar | 037 |
| Bell South | 043 | Radio Shack | 038, 042 |
| Cable Vision | 026 | RCA | 007, 022 |
| Cabletenna | 008 | Realistic | 009 |
| Cableview | 007 | Reconon | 041 |
| Clearmaster | 042 | Regal | 015 |
| ClearMax | 042 | Regency | 014 |
| Colour Voice | 011 | Rennbrandt | 004 |
| Comcast | 024, 027, 036 | Rinco | 037 |
| Comtronics | 012 | Samsung | 018, 039 |
| Contec | 013 | Scientific Atlanta | 025, 030, 032, 033, 035 |
| Coolmax | 042 | Signal | 038 |
| COX | 028 | Signature | 004 |
| Director | 036 | Sony | 026, 044 |
| Eastern | 014 | Spencer | 022 |
| Everquest | 038 | Standard Component | 019 |
| Focus | 041 | Starcom | 023, 038 |
| GC Electronics | 009 | Stargate | 038 |
| GE | 004 | Starquest | 038 |
| Gemini | 038 | Supercable | 034 |
| General Instrument | 004, 027, 036 | Supermax | 042 |
| Goldstar | 039 | TIME WARNER | 029 |
| Hamlin | 015 | Tocom | 005 |
| Hitachi | 004 | Toshiba | 037 |
| Jasco | 038 | Tristar | 042 |
| Jernick | 004, 023, 036, 038 | Ursa | 036 |
| Memorex | 016, 037 | TV86 | 017 |
| Motorola | 024, 028, 030, 036, 045 | Unika | 008, 009 |
| Movie Time | 017 | United Cable | 023 |
| Multitech | 042 | Universal | 008, 009 |
| NEC | 006 | V2 | 042 |
| NET Brazil | 031 | View Star | 013, 017 |
| NSC | 017 | Viewmaster | 042 |
| Oak | 013 | Vision | 042 |
| Pace | 033, 040 | Vortex View | 042 |
| Panasonic | 020, 022, 037 | Zenith | 021, 037, 043 |
| Paragon | 037 | Zenick | 041 |

Setup Codes for DVD Players

| | | | |
|---------------------|--|-----------------------|------------------------------|
| Accode Vision | 151 | Astar | 154 |
| Accurian | 210 | Audiocon | 091, 127, 133, 134, 137, 187 |
| Advert | 189 | Axion | 127 |
| Akai | 177 | Bang & Olufsen | 203 |
| Alco | 187 | Blaupunkt | 150, 202 |
| Allegro | 206 | Blue Parade | 199 |
| Alpine | 156 | BOSS | 152 |
| Amphion Media Works | 157 | Brooksotic | 065, 213 |
| AMW | 157 | California Audio Labs | 184 |
| Apex | 038, 002, 029, 049, 062, 096, 201, 202 | CineVision | 115, 206 |
| Apple | 183 | Clarion | 160 |
| Argo | 207 | Coby | 030, 077, 133, 190 |
| Aspire | 191 | Curtis Mathes | 208 |

continued on next page...

MANUFACTURER'S CODES

Setup Codes for DVD Players (continued)

| | |
|---------------|--|
| CyberHome | 000, 207 |
| Cytan | 176 |
| Daewoo | 059, 206 |
| Demon | 026, 071, 104, 184 |
| Desay | 166 |
| DiamondVision | 182 |
| Disney | 044, 128 |
| Durabrand | 209 |
| DVD2000 | 196 |
| Eclipse | 141 |
| Emerson | 153, 204 |
| Enterprise | 204 |
| ESA | 158 |
| Funai | 153 |
| Gateway | 212 |
| GE | 045, 197, 202 |
| Go Video | 012, 206, 212 |
| Goldstar | 094 |
| Gradiente | 168, 184 |
| Greenhill | 202 |
| Grundig | 198 |
| Haier | 181 |
| Hitachi | 015, 072, 123, 138 |
| Hincker | 201 |
| Ilo | 164 |
| Initial | 117, 202 |
| Insignia | 172 |
| Integra | 185, 199 |
| Irradio | 098 |
| Jensen | 190 |
| JVC | 020, 034, 035, 039, 041, 047, 064, 075, 089, 099, 105, 200 |
| Kawasaki | 187 |
| Kenwood | 184 |
| KLH | 060, 170, 187, 202 |
| Koss | 083, 186, 193 |
| Landel | 211 |
| Lasotec | 161 |
| Lennox | 192, 209 |
| LG | 046, 092, 108, 136, 122, 145, 179, 204, 206 |
| Liquid Video | 193 |
| Litton | 087, 132, 210, 212 |
| Magnavox | 027, 066, 085, 117, 195, 198 |
| Marantz | 146, 198 |
| Memorex | 018, 044, 213 |
| Microsoft | 197 |
| Mitski | 117, 202, 205 |
| Mitsubishi | 052, 101, 196 |
| NAD | 162 |
| Nesa | 202 |
| Nest Base | 211 |
| Nextech | 169 |
| Noontec | 148 |
| Onkyo | 109, 185, 195 |

| | |
|-----------------|---|
| Oppo | 171, 180 |
| Orion | 186, 193 |
| Panasonic | 005, 007, 024, 026, 052, 048, 071, 088, 103, 106, 107, 119, 142, 143, 144, 184, 195 |
| Philips | 027, 043, 073, 078, 082, 088, 100, 102, 114, 117, 153, 195, 198 |
| Pioneer | 022, 056, 076, 081, 093, 149, 199 |
| Polaroid | 038, 140, 175 |
| Polk Audio | 198 |
| Presidian | 153 |
| Prima | 178 |
| Proced | 201 |
| Proscan | 025, 197 |
| Pye | 174 |
| Qwestar | 186 |
| RCA | 009, 025, 037, 110, 187, 197, 199, 202 |
| Regent | 192 |
| Rio | 206 |
| Rotel | 200 |
| Rowa | 188 |
| Sampo | 163 |
| Samsung | 010, 012, 015, 021, 023, 028, 050, 051, 054, 057, 069, 084, 112, 126, 131, 136, 184 |
| Sansui | 147, 173, 213 |
| Sensory Science | 212 |
| Sharp | 040, 063, 113 |
| Shinco | 150 |
| Shinasonic | 194, 205 |
| Sonic Blue | 206 |
| Sony | 003, 004, 008, 014, 016, 017, 033, 055, 058, 067, 079, 086, 097, 129, 139, 194 |
| Sungale | 165 |
| Supercan | 066 |
| Sylvania | 018, 066, 118, 124, 153 |
| Symphonic | 018, 153 |
| Teac | 164, 187 |
| Technics | 184 |
| Technwood | 199 |
| Theata Digital | 159 |
| Toshiba | 001, 006, 011, 013, 019, 031, 036, 042, 053, 068, 070, 074, 090, 095, 111, 121, 125, 130, 193 |
| Trutech | 167 |
| Urban Concepts | 195 |
| US Logic | 205 |
| Venturer | 187 |
| Westinghouse | 120 |
| Xbox | 197 |
| Yamaha | 155, 184, 198 |
| Zenith | 046, 061, 080, 094, 195, 204, 206 |

MANUFACTURER'S CODES

Setup Codes For DVD Player/VCR Combos

| | |
|------------|--|
| Apex | 038, 063 |
| Beosonic | 065, 036, 213, 062 |
| CineVision | 115, 054 |
| Emerson | 153, 064 |
| Funai | 153, 064 |
| Go Video | 012, 021 |
| Goldstar | 094, 043 |
| Hitachi | 123, 023 |
| Insignia | 172, 042 |
| JVC | 075, 012, 035, 026, 038, 039, 028, 099, 044, 105 |
| LG | 092, 042, 108, 048 |
| Memorex | 213, 062 |
| Panasonic | 032, 008, 071, 040, 046 |

| | |
|-----------|--|
| Philips | 102, 045, 153, 064 |
| Polaroid | 175, 055, 038, 063 |
| Presidian | 153, 064 |
| Pye | 174, 023 |
| RCA | 037, 047, 110, 049 |
| Samsung | 051, 030, 012, 015, 021, 028, 022, 084, 041 |
| Sansui | 173, 053, 213, 062 |
| Sony | 008, 010, 017, 018, 033, 029, 031 |
| Sylvania | 018, 023, 118, 051, 153, 064 |
| Symphonic | 153, 064 |
| Toshiba | 068, 037, 006, 039, 011, 014, 031, 025, 006, 027 |
| Zenith | 094, 043, 061, 033 |

Setup Codes for Satellite Receivers

| | |
|------------------------|--|
| Alphastar | 057 |
| Ariac | 095 |
| CaptiveWorks | 089 |
| Chaparral | 052 |
| Coolest | 090 |
| Digital Stream | 100 |
| DIRECTV | 050, 051, 060, 064, 065, 070, 071, 072, 073, 074, 077, 078, 079, 101, 102, 103, 105, 106, 108, 110 |
| Dish Network | 046, 047, 048, 049, 104, 107, 109, 113 |
| Dishpro | 107, 109, 113 |
| Drake | 053 |
| Echostar | 104, 107, 109, 113, 114 |
| Expresso | 107, 113, 114 |
| General Instrument | 054, 111 |
| GOI | 113 |
| Hiscene | 112 |
| Hitachi | 058 |
| HTS | 113 |
| Hughes Network Systems | 050, 061, 065, 78, 102, 101 |
| Humax | 091 |
| Ilo | 112 |
| Insignia | 098 |
| Jenold | 111 |
| JVC | 104, 113 |
| LG | 080, 094 |
| Magnavox | 096, 110 |
| Memorex | 110 |
| MicroGem | 097 |
| Mitsubishi | 065, 086 |

| | |
|-------------|---|
| Motorola | 111 |
| Next Level | 111 |
| Panasonic | 079, 081, 083 |
| Parasat | 087 |
| Paysat | 110 |
| Phico | 096 |
| Philips | 061, 072, 101, 102, 110 |
| Pioneer | 102 |
| Primostar | 056 |
| Proscan | 077, 106 |
| Proton | 112 |
| Radio Shack | 111 |
| RCA | 051, 061, 062, 066, 067, 070, 071, 085, 092, 093, 105 |
| Realistic | 055 |
| Samsung | 061, 074, 076, 102 |
| Sharp | 084 |
| Sony | 063, 064, 068, 069, 073, 075, 103, 108 |
| Star Choice | 111 |
| STS | 059 |
| Telex | 099 |
| Tivo | 061, 102 |
| Toshiba | 078 |
| UltimateTV | 103 |
| Usiden | 110 |
| US Digital | 112 |
| USDVTV | 112 |
| Viewsat | 088 |
| Voom | 111 |
| Zenith | 082 |

Setup Codes for TVs

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| Alex | 023 |
| Acer | 185 |
| Admiral | 005, 024, 028, 222 |
| Advent | 208 |
| Adventura | 025 |
| Aiko | 012 |
| Akai | 006, 049, 174, 184, 188, 196, 215 |

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| Albatron | 205, 209 |
| Allerton | 014 |
| America Action | 219 |
| Ampro | 207 |
| Amtron | 013 |
| Anam | 219 |
| Anam National | 013 |

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| Apex | 035, 091, 217, 223 |
| Astar | 175 |
| Audiovent | 013, 130, 131, 136, 172, 219, 221 |
| Aventura | 218 |
| Action | 197 |
| Bang & Olufsen | 227 |
| Bekco | 007 |
| Bell & Howell | 005 |
| Benq | 163 |
| Bradford | 013, 219 |
| Brilliant | 225 |
| Brockwood | 007 |
| Broksonic | 219, 222 |
| bydesign | 158 |
| Candle | 007, 008, 009, 025, 215 |
| Carnivale | 215 |
| Carver | 128, 230 |
| CCE | 037 |
| Celebrity | 006 |
| Celera | 223 |
| Centurion | 010 |
| Changhong | 223 |
| Citizen | 007, 008, 009, 012, 013, 020, 022, 215 |
| Clarion | 219 |
| Coby | 138 |
| Cokortime | 007, 008 |
| Commercial Solutions | 216 |
| Concerto | 007, 008 |
| Contec | 219 |
| Contec/Cony | 011, 013 |
| Craig | 013, 219 |
| Cresley | 128, 230 |
| Crown | 013, 017, 219 |
| CTX | 153 |
| Curtis Mathes | 004, 007, 008, 020, 022, 028, 048, 128, 215, 216, 221, 224, 230 |
| CXC | 013, 219 |
| Cyton | 195 |
| Daewoo | 007, 008, 012, 022, 037, 065, 073, 221 |
| Daytron | 007, 008, 022 |
| Dell | 066, 202, 203 |
| Denon | 224 |
| DiamondVision | 201 |
| Dimensia | 004 |
| Disney | 133 |
| Dumont | 007, 214 |
| Durabrand | 040, 213, 218, 219, 222 |
| Dwin | 028, 206 |
| Electroband | 006 |
| Electrograph | 159 |
| Electrohome | 006, 007, 008 |
| Emerson | 007, 008, 011, 013, 014, 022, 037, 161, 218, 219, 222 |
| Emprex | 181 |

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| Envision | 007, 008, 215 |
| Epson | 148 |
| ESA | 218 |
| Fujitsu | 014, 142 |
| Futaba | 013, 014, 218, 219 |
| Fututech | 013, 219 |
| Gateway | 159, 191 |
| GE | 004, 007, 008, 015, 016, 030, 055, 084, 216, 221 |
| Gibralter | 007, 214, 215 |
| Go Video | 212 |
| Goldstar | 007, 008, 011, 022, 023, 215 |
| Gradiente | 157 |
| Grumpy | 013, 014, 219 |
| Haier | 156, 190, 200, 213, 229 |
| Hallmark | 007, 008 |
| Harman/Kardon | 128 |
| Harvard | 013, 219 |
| Hewlett | 028 |
| Hello Kitty | 221 |
| Hewlett Packard | 125, 137, 143 |
| Hisense | 167 |
| Hinachi | 007, 008, 011, 074, 077, 090, 107, 108, 224 |
| HP | 137, 143 |
| Hyundai | 211 |
| Ilo | 123, 161, 170, 179 |
| IMA | 013 |
| Infinity | 017, 128, 230 |
| InFocus | 192 |
| Initial | 123 |
| Insignia | 155, 180 |
| Inteq | 214 |
| Janel | 025 |
| JBL | 017, 128, 230 |
| JC Penney | 004, 007, 008, 009, 015, 016, 020, 022, 023 |
| JCB | 006 |
| Jensen | 007, 008, 154 |
| JVC | 011, 016, 018, 063, 083, 110 |
| Kawasho | 006, 007, 008 |
| KEC | 219 |
| Kenwood | 007, 008, 215 |
| KLH | 223 |
| Kloss Novabeam | 013, 025 |
| KTV | 013, 022, 215, 219 |
| LG | 007, 147, 205 |
| Loewe | 017 |
| Logik | 005 |
| Luxman | 007, 008 |
| LXI | 004, 008, 017, 128, 216, 217, 230 |
| Magnavox | 007, 008, 009, 017, 031, 032, 053, 056, 058, 062, 078, 085, 123, 126, 128, 215, 230 |
| Majestic | 005 |
| Marsantz | 007, 008, 017, 138, 186, 215, 230 |
| Matsushita | 220 |

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| Megapower | 205 |
| Megatron | 008, 224 |
| Memorex | 005, 008, 222 |
| MGA | 007, 008, 215 |
| Mifland | 016, 022, 023, 214, 216 |
| Mimick | 123 |
| Minut | 015 |
| Mitsubishi | 007, 008, 028, 066, 072, 080, 114 |
| Monivision | 205, 209 |
| Montgomery Ward | 005 |
| Morocsa | 024, 028 |
| MTC | 007, 008, 020, 215 |
| Multitech | 013, 219 |
| Multivision | 019 |
| NAD | 008, 217 |
| NEC | 007, 008, 152, 161, 186, 215 |
| NET-TV | 159, 164 |
| Nikko | 008, 012, 215 |
| Norcent | 145 |
| NTC | 012 |
| Olevia | 095, 132, 144, 231 |
| Omra | 013, 219 |
| Oppo | 199 |
| Optimus | 220 |
| Optima | 193 |
| Optonica | 024, 028 |
| Orion | 040, 222 |
| Panasonic | 016, 017, 042, 081, 098, 100, 102, 105, 111, 120, 220 |
| Penney | 215, 216, 217 |
| Phiko | 007, 008, 009, 011, 017, 128, 129, 215, 230 |
| Philips | 007, 009, 011, 017, 031, 032, 034, 039, 062, 075, 078, 082, 115, 117, 119, 122, 123, 128, 230 |
| Philips Magnavox | 031, 032, 062, 075, 078, 082 |
| Pilot | 007, 022, 215 |
| Pioneer | 007, 008, 112 |
| Plasmatic | 186 |
| Polamid | 140, 149, 223 |
| Portland | 007, 008, 012, 022 |
| Price Club | 020 |
| Prima | 198, 208 |
| Princeton | 205 |
| Prism | 016 |
| Proscan | 004, 216 |
| Proton | 007, 008, 011 |
| Proton | 135 |
| Proview | 178 |
| Pulsar | 007, 214 |
| Quasar | 016, 220 |
| Radio Shack | 215, 216, 219 |
| Radio Shack/Realistic | 004, 007, 008, 011, 013, 022, 023 |
| RCA | 004, 007, 008, 027, 039, 051, 084, 216 |

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| Realistic | 215, 219 |
| Runtco | 214, 215 |
| Sampo | 007, 008, 022, 023, 159, 215 |
| Samsung | 007, 008, 011, 020, 022, 023, 036, 049, 086, 087, 097, 101, 113, 127, 215 |
| Sansui | 040, 194, 222 |
| Sarno | 007, 166, 187 |
| Sceptre | 183 |
| Scotch | 008 |
| Scott | 007, 008, 011, 013, 014, 171, 219 |
| Scars | 004, 007, 008, 014, 018, 026, 128, 180, 216, 217, 218, 230 |
| Sharp | 007, 008, 011, 022, 024, 028, 067, 088, 099, 103, 106, 118, 121 |
| Sheng Chia | 028 |
| Shogan | 007 |
| Signature | 005 |
| Simpson | 009 |
| Sony | 006, 033, 038, 046, 047, 048, 050, 071, 092, 094, 096, 139 |
| Soundesign | 007, 008, 009, 013, 014, 219 |
| Squareview | 026, 218 |
| SES | 007, 013, 219 |
| Starlite | 013, 219 |
| Studio Experience | 209 |
| Superscan | 028, 085, 176 |
| Super-Macy | 025 |
| Supreme | 006 |
| SVA | 154, 229 |
| Sylvania | 007, 008, 009, 017, 085, 093, 116, 124, 128, 215, 218, 230 |
| Symphonic | 013, 026, 218, 219 |
| Syntax | 132, 226 |
| Syntax-Brilliant | 132, 180 |
| Tandy | 024, 028 |
| Tatung | 169, 189 |
| Technics | 016, 220 |
| Teclivision | 210 |
| Tedwood | 007, 008, 016 |
| Teknika | 005, 007, 008, 009, 011, 012, 013, 014, 020, 022, 128, 219, 230 |
| Telecaption | 021 |
| Telefunken | 049 |
| TMK | 007, 008 |
| TNCI | 214 |
| Toshiba | 020, 021, 041, 043, 044, 045, 052, 054, 057, 060, 061, 064, 068, 070, 076, 079, 104, 109, 134, 217 |
| Television | 122 |
| Truview | 065 |
| TVS | 222 |
| Universal | 015 |
| Vector Research | 215 |
| Victor | 018 |

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| Valken | 128,230 |
| Videch | 007,008 |
| Viewsonic | 141,146,151,159,162,182,228 |
| Viking | 025 |
| Vione | 170 |
| Vizio | 173,177,204,228 |

| | |
|--------------------|---|
| Wards | 004,005,007,008,014,015,017,128,215,230 |
| Waycom | 217 |
| Westinghouse | 089,096,221,228 |
| White Westinghouse | 037,222 |
| Yamaha | 007,008,215 |
| Zenith | 005,007,029,069,214,222 |

Setup Codes for TV/DVD Player Combos

| | |
|---------|---------|
| Akai | 196,177 |
| Apex | 091,049 |
| Acion | 197,127 |
| Coby | 138,135 |
| Cyton | 195,176 |
| Disney | 133,128 |
| Haier | 200,181 |
| Hitachi | 074,138 |
| Ito | 123,164 |
| Opto | 199,180 |

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|--------------|---|
| Polaroid | 140 |
| Prima | 198,178 |
| RCA | 084,009 |
| Sansui | 194,147 |
| Sony | 139 |
| Sylvania | 083,124,093,018 |
| Toshiba | 076,125,060,111,043,015,104,074,134,130 |
| Westinghouse | 096,120 |

Setup Codes for TV/VCR/DVD Player Combos

| | |
|----------------|-------------|
| Diamond/Vision | 201,182,056 |
| Magnavox | 085,066,035 |
| Panasonic | 081,032,008 |

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|-----------|-----------------|
| Sharp | 121,113,050 |
| Superscan | 065,066,035 |
| Sylvania | 065,066,035,116 |

Setup Codes for VCRs

| | |
|----------------|-----------------|
| ABS | 029 |
| Adventura | 005 |
| Aiwa | 005 |
| Alcamare | 059 |
| American High | 004 |
| Apex | 063 |
| Asha | 002 |
| Audio Dynamics | 000 |
| Audiovox | 003 |
| Bang & Olufsen | 060 |
| Beaumarck | 002 |
| Bell & Howell | 001 |
| Brooks | 036,062 |
| Calix | 003 |
| Candle | 002,003 |
| Cannon | 004 |
| CineVision | 054 |
| Citizen | 002,003 |
| Codertyme | 000 |
| Craig | 062,063 |
| Curtis Mathes | 000,002,004 |
| Cybernet | 002 |
| CyberPower | 059 |
| Daewoo | 005,024 |
| DBX | 000 |
| Dell | 059 |
| Diamond/Vision | 056 |
| DIRECTV | 058,065,069,073 |
| Dish Network | 072 |
| Dishnet | 072 |
| Durabrand | 017 |

| | |
|--------------------|-----------------|
| Dynatech | 005 |
| EchoStar | 072 |
| Electrohome | 003 |
| Electrophonic | 003 |
| Emerson | 003,004,005,064 |
| ESA | 052 |
| Expressu | 072 |
| Fisher | 001,034 |
| Fuji | 004 |
| Funai | 005,023,064 |
| Garrard | 005 |
| Gateway | 059 |
| GE | 002,004 |
| Go Video | 021 |
| GOL | 072 |
| Goldstar | 000,003,043 |
| Gradiente | 005 |
| Harley Davidson | 005 |
| Harmant/Kardon | 000 |
| Headquarter | 001 |
| Hewlett Packard | 059 |
| Hitachi | 023 |
| HNS | 058 |
| Howard Computers | 059 |
| HP | 059 |
| HTS | 072 |
| HighNetworkSystems | 058,065 |
| Himax | 058,065 |
| Hush | 059 |
| IBUYPOWER | 059 |

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Setup Codes for VCRs (continued)

| | |
|------------------|-------------------------------------|
| Insignia | 042 |
| Instant Replay | 004 |
| JC Penney | 000,001,002,003,004 |
| JCL | 004 |
| JVC | 000,001,012,026,028,038,044,065,072 |
| Kenwood | 000,001 |
| Kodak | 003,004 |
| LG | 003,042,048 |
| Linksys | 059 |
| Lloyd's | 005 |
| LXI | 003 |
| Magnavox | 004,016,017,035 |
| Magnin | 003 |
| Martez | 000,001,004 |
| Marta | 003 |
| Matsushita | 004 |
| Media Center PC | 059 |
| MEI | 004 |
| Memorex | 001,002,003,004,005,017,061,062 |
| MGN Technology | 002 |
| Microsoft | 059 |
| Mind | 059 |
| Mitsubishi | 013 |
| Motomola | 004 |
| MTC | 002 |
| Multitech | 002,005 |
| NEC | 000,001 |
| Nikko | 003 |
| Niveus Media | 059 |
| Nobles | 002 |
| Northgate | 059 |
| Olympus | 004 |
| Optimas | 003 |
| Orion | 061 |
| Panasonic | 004,008,040,046,057 |
| Philco | 004 |
| Philips | 004,016,045,058,064,065,067 |
| Philips Magnavox | 016 |
| Pilot | 003 |
| Polaroid | 055,063 |
| President | 064 |
| Proscan | 032 |
| Pulsar | 017 |
| Pye | 023 |
| Quarter | 001 |
| Quarte | 001 |
| Quasar | 004 |
| Radio Shack | 003 |

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|-----------------------|---|
| Radio Shack/Realistic | 001,002,003,004,005 |
| Radix | 003 |
| Randex | 003 |
| RCA | 002,004,007,047,049,058,065,073 |
| Realistic | 001,002,003,004,005 |
| ReplayTV | 057,068 |
| Ricovision | 059 |
| Rinco | 017 |
| Samsung | 002,015,021,022,030,041,058 |
| Sankey | 017 |
| Sansui | 053,061,062 |
| Sanyo | 001,002,034 |
| Sears | 001,003,004 |
| Sharp | 050 |
| Shogun | 002 |
| Singer | 004 |
| Sonic Blue | 057 |
| Sony | 006,009,010,011,018,029,031,059,066,070 |
| Stack | 059 |
| STS | 004 |
| Superscan | 035 |
| Sylvania | 004,005,023,035,051,064 |
| Symphonic | 005,023,064 |
| Systemax | 059 |
| Tape Systems | 059 |
| Tandy | 001 |
| Tashiko | 003 |
| Tec | 005 |
| Technics | 004 |
| Teknika | 003,004,005 |
| Tiro | 058,065,070 |
| TMK | 002 |
| Toshiba | 014,019,020,025,027,037,039,059,071 |
| Totevision | 002,003 |
| Touch | 059 |
| UltimateTV | 073 |
| Unitach | 002 |
| Vector Research | 000 |
| Video Concepts | 000 |
| Videosec | 002 |
| Viewsonic | 059 |
| Woodo | 059 |
| Wards | 002,003,004,005 |
| White Westinghouse | 023 |
| XR-1000 | 004,005 |
| Yamaha | 000,001 |
| Zenith | 017,033,043 |
| ZT Group | 059 |